

ASSESSMENT CENTER OVERVIEW AND DEMONSTRATION STUDY

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ASSESSMENT CENTER

Why did we create it?

- PROMIS investment in creation of item banks that can be administered as CATs
- No off-the-shelf platform for CAT administration to participants
- All researchers have more than CATs in a single study

What is Assessment Center?

- Web-based research management tool
- Enables creation of study-specific URLs
 - Participant interface for data collection
 - Administration of PROMIS short forms and CATs
 - Administration of other PRO instruments
 - Can create custom short forms
- Single time-point or multiple timepoint studies

More Features

- Item Development features
 - Tracking item revisions
- Multiple study arms
- Multiple levels of randomization
- Researcher-completed instruments

Even More Features

- Automated accrual reports
 - NIH accrual report format
- Real-time data export
 - Separation of PRO data, registration data (PHI), and consent data (more PHI)
- Patient-level single-timepoint data reports
- Automated data dictionary
- Assessment Center Offline
 - Non-internet data collection platform
- Free

Assessment Center Instrument Library

- Distribution mechanism for PROMIS item banks, short forms, and profiles
 - Adult and pediatric (pediatric proxy coming soon)
- Online administration or download PDFs
- Coming Soon to the Library:
 - PROMIS Cancer Supplement instruments
 - Neuro-QOL instruments

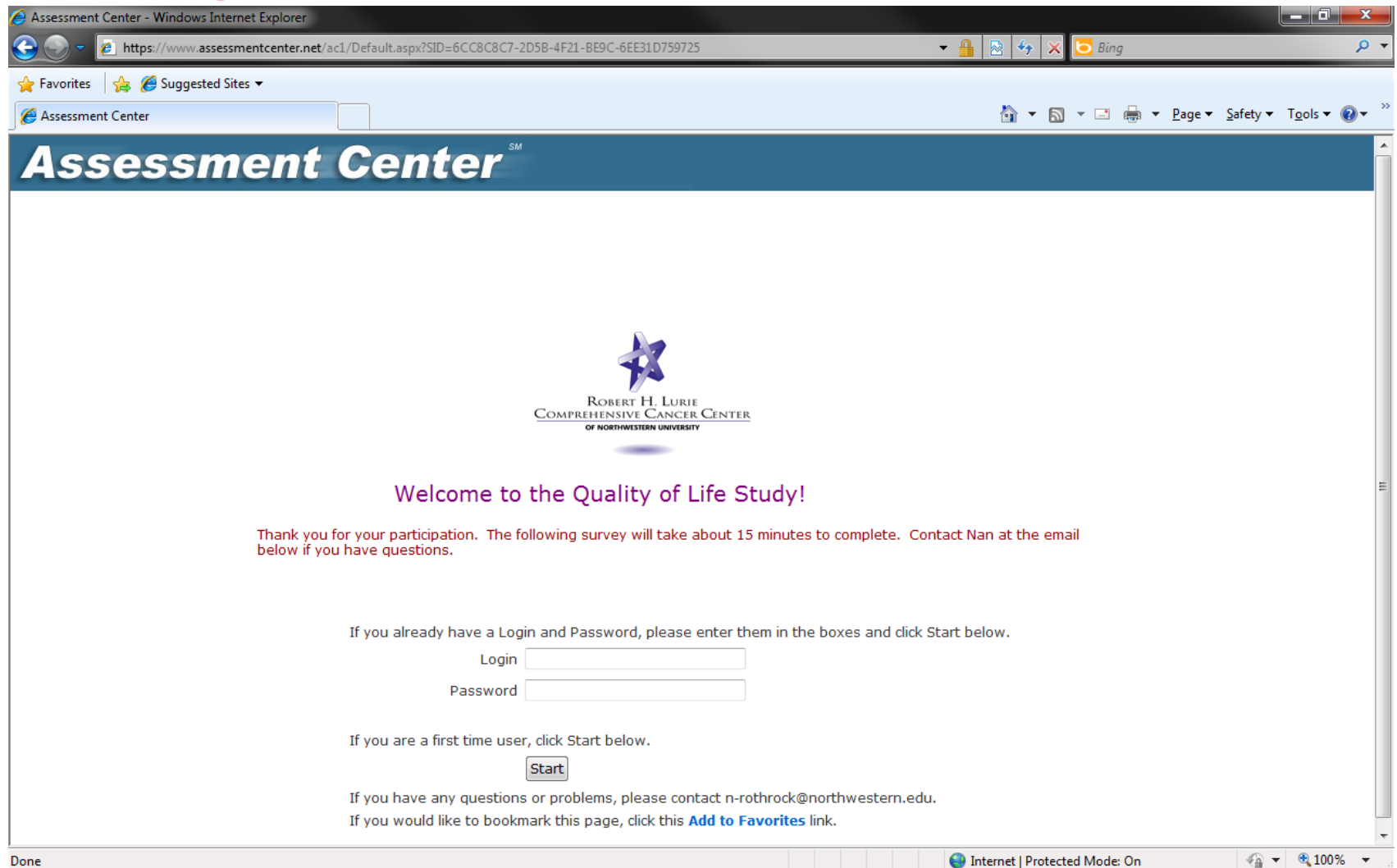
Planned New Features (2011-2013)

- Data collection for hand held device (e.g., smart phone)
- Increased reporting and tracking features
- Additional CAT engines
- Improved usability

2010 Assessment Center Use Statistics

- >2600 registered researchers world wide
- >17,000 participants
- 1.6 million data points captured

Demonstration Study: Participant Interface



The screenshot shows a web browser window titled "Assessment Center - Windows Internet Explorer". The address bar displays the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>. The browser's address bar shows "Assessment Center" and various navigation icons. The main content area features a dark blue header with the text "Assessment Center" in white. Below the header is a large white space containing the logo of the Robert H. Lurie Comprehensive Cancer Center of Northwestern University, which consists of a stylized blue star above the text "ROBERT H. LURIE COMPREHENSIVE CANCER CENTER OF NORTHWESTERN UNIVERSITY".

Below the logo, the text "Welcome to the Quality of Life Study!" is displayed in purple. A red paragraph follows: "Thank you for your participation. The following survey will take about 15 minutes to complete. Contact Nan at the email below if you have questions."

Below this, a section for login is provided: "If you already have a Login and Password, please enter them in the boxes and click Start below." This section includes two input fields: "Login" and "Password", each followed by a text box. Below these fields is a "Start" button.

Below the login section, the text reads: "If you are a first time user, click Start below." This is followed by a "Start" button.

At the bottom of the main content area, there are two lines of text: "If you have any questions or problems, please contact n-rothrock@northwestern.edu." and "If you would like to bookmark this page, click this [Add to Favorites](#) link."

The browser's status bar at the bottom shows "Done" on the left and "Internet | Protected Mode: On" on the right, along with a 100% zoom level.

Optional Online Consent Forms

Assessment Center - Windows Internet Explorer
https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

PAYMENT FOR PARTICIPATION:

You will not be paid for being in this study.

ADDITIONAL COSTS:

There is expected to be no additional cost to you from being in this research study.

EXPLANATION OF ABILITY TO WITHDRAW FROM STUDY:

Your participation in this research study is voluntary. If you decide not to be in this study, your membership in the American Chronic Pain Association will not be jeopardized. If you decide to participate now, you may leave the study at any time. No matter what decision you make, there will be no penalty to you and you will not lose any of your regular benefits.

YOUR RIGHTS AS A RESEARCH SUBJECT:

You may get more information about your rights from the Chairperson of the Institutional Review Board (IRB). You can also call the IRB Coordinators at (224) 364-7100. These are the people you should contact about any problems or research-related injuries that happen during the research study.

CONSENT TO PARTICIPATE:

I understand that the activities will be supervised by David Cella, Ph.D. and whomever he may designate as his assistants. I have read this consent form or have had it read to me. I understand what will happen if I enroll in this research study. I understand the possible benefits and risks of the study. I have been told about all of my treatment options. I give permission for the research study procedures described in this consent form.

I have read and have had the opportunity to call or email to have any questions or concerns answered. I willingly consent to be a part of this study. I will be able to print an unsigned copy of this Consent Form.

I accept

Please type in your full name

Done Internet | Protected Mode: On 100%

Demographic Information

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Please complete all applicable registration information below.
information will be kept confidential.

Age

Ethnicity Hispanic or Latino
 Not Hispanic or Latino
 Not provided

Gender Male Female

Race American Indian or Alaska Native
 Asian
 Black or African American
 Native Hawaiian or Other Pacific Islanders
 Not provided
 Other
 White

Done Internet | Protected Mode: On 100%

Protected Health Information

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

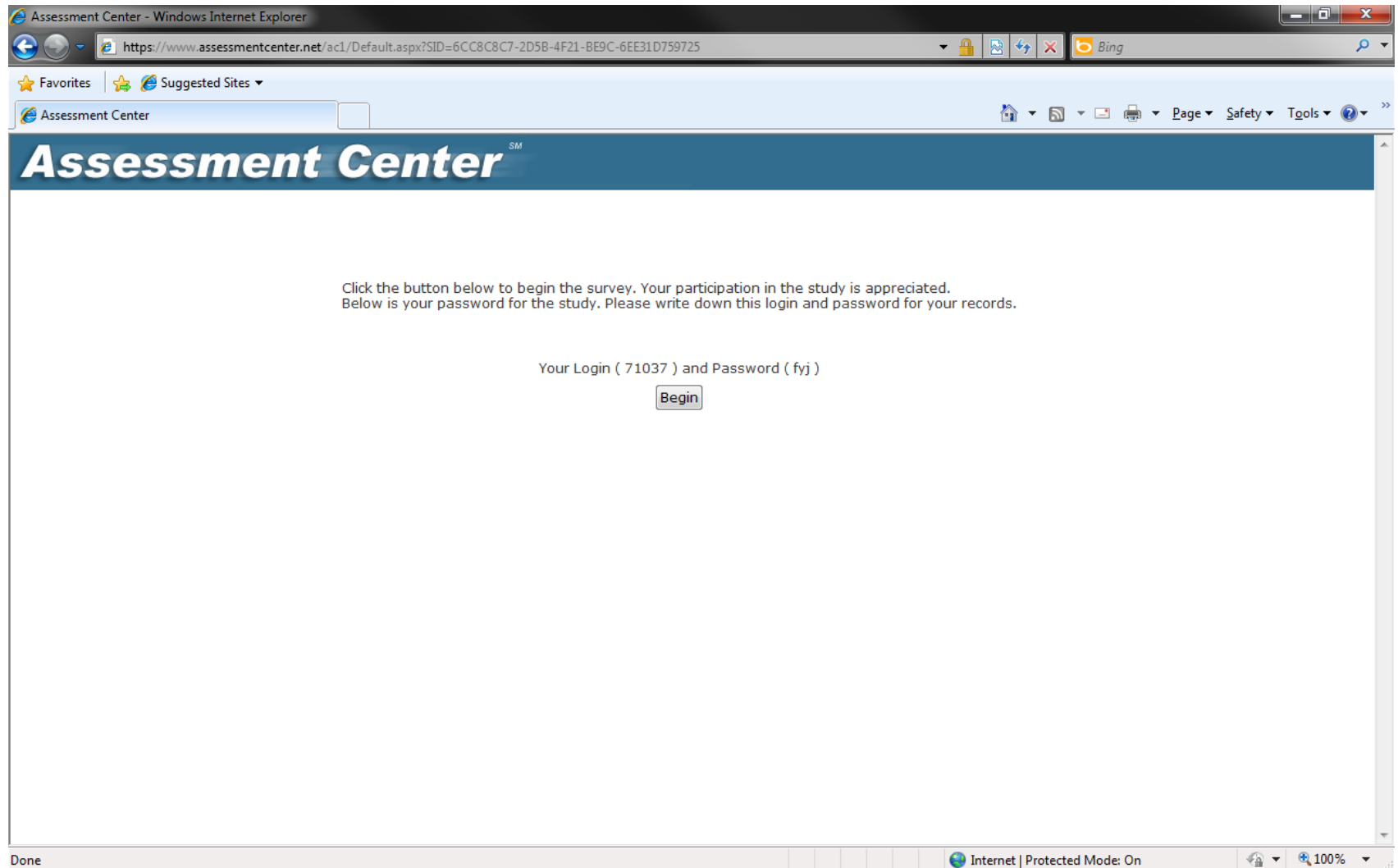
Please complete all applicable registration information below.
All information will be kept confidential.

Last Name

First Name

Done Internet | Protected Mode: On 100%

Login and Password Generation



The screenshot shows a Windows Internet Explorer browser window. The address bar contains the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>. The page title is "Assessment Center". The main content area features a blue header with the text "Assessment Center" in white. Below the header, the text reads: "Click the button below to begin the survey. Your participation in the study is appreciated. Below is your password for the study. Please write down this login and password for your records." The text "Your Login (71037) and Password (fyj)" is displayed in the center. Below this text is a button labeled "Begin". The browser's status bar at the bottom shows "Done" on the left and "Internet | Protected Mode: On" on the right, along with a 100% zoom level.

Assessment Center - Windows Internet Explorer

<https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>

Assessment Center

Assessment CenterSM

Click the button below to begin the survey. Your participation in the study is appreciated.
Below is your password for the study. Please write down this login and password for your records.

Your Login (71037) and Password (fyj)

[Begin](#)

Done Internet | Protected Mode: On 100%

Informational Item

The screenshot shows a Windows Internet Explorer browser window displaying the Assessment Center website. The address bar shows the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>. The page features a blue header with the text "Assessment Center" in white. Below the header, the main content area contains the instruction: "To begin, please answer some questions about your medical history." At the bottom of the page, there are three buttons: "Previous", "Next", and "Exit". The browser's status bar at the bottom indicates "Internet | Protected Mode: On" and a zoom level of "100%".

Assessment Center - Windows Internet Explorer

<https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>

Assessment Center

Assessment CenterSM

To begin, please answer some questions about your medical history.

Previous Next Exit

Done Internet | Protected Mode: On 100%

Date Item

The screenshot shows a web browser window titled "Assessment Center - Windows Internet Explorer". The address bar contains the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>. The page title is "Assessment Center".

The main content area features a question: "When were you diagnosed with cancer?". Below the question is a date selection interface with three dropdown menus: "Feb", a blank month, and a blank year. A vertical list of years is displayed, ranging from 1987 to 2016. The year 2009 is highlighted in blue. Below the year list are three buttons: "Previous", "Next", and "Exit".

The status bar at the bottom of the browser window shows "Done" on the left and "Internet | Protected Mode: On" on the right, along with a 100% zoom level.

Multiple Choice Item

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Are any of your current activities limited by your cancer?

No

Yes

Done Internet | Protected Mode: On 100%

The screenshot shows a web browser window with the Assessment Center logo and a question about activity limitations. The 'No' radio button is selected. Navigation buttons for 'Previous', 'Next', and 'Exit' are visible at the bottom of the content area.

Drop List Item

The screenshot shows a Windows Internet Explorer browser window displaying a web page from assessmentcenter.net. The page title is "Assessment Center" and the URL is "https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725". The page content includes a header with the "Assessment Center" logo and a main section with the instruction: "Please select your 'primary' cancer diagnosis from the list below (usually where the cancer started)". Below this instruction is a drop-down menu with the following options: Brain, Breast, Colon or Rectum, Gynecologic (Cervical, Ovarian, Uterine), Head/Neck (highlighted), Leukemia/Lymphoma, Lung, Pancreas, Prostate, and Urologic (Bladder, Kidney, Testis). At the bottom of the form are three buttons: "Previous", "Next", and "Exit". The browser's status bar at the bottom indicates "Done" and "Internet | Protected Mode: On".

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Please select your "primary" cancer diagnosis from the list below (usually where the cancer started).

- Brain
- Breast
- Colon or Rectum
- Gynecologic (Cervical, Ovarian, Uterine)
- Head/Neck
- Leukemia/Lymphoma
- Lung
- Pancreas
- Prostate
- Urologic (Bladder, Kidney, Testis)

Previous Next Exit

Done Internet | Protected Mode: On 100%

Assessment CenterSM

Have you had a recurrence of your cancer (i.e., has your cancer come back)?

No

Yes

Not Sure

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Has your cancer spread to any lymph nodes?

No

Yes

Not Sure

Previous Next Exit

Done Internet | Protected Mode: On 100%

Branching

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Do you currently have any numbness, tingling, or pain in your hands or feet?

No

Yes

Previous Next Exit

Done Internet | Protected Mode: On 100%

The screenshot shows a web browser window with the URL https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725. The page title is 'Assessment Center' and the main heading is 'Assessment CenterSM'. The central content area displays a question: 'Do you currently have any numbness, tingling, or pain in your hands or feet?'. Below the question are two buttons: 'No' and 'Yes'. The 'Yes' button is highlighted in yellow, indicating it is the selected or active option. At the bottom of the content area, there are three buttons: 'Previous', 'Next', and 'Exit'. The browser's status bar at the bottom shows 'Done', 'Internet | Protected Mode: On', and a zoom level of '100%'.

Branching

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

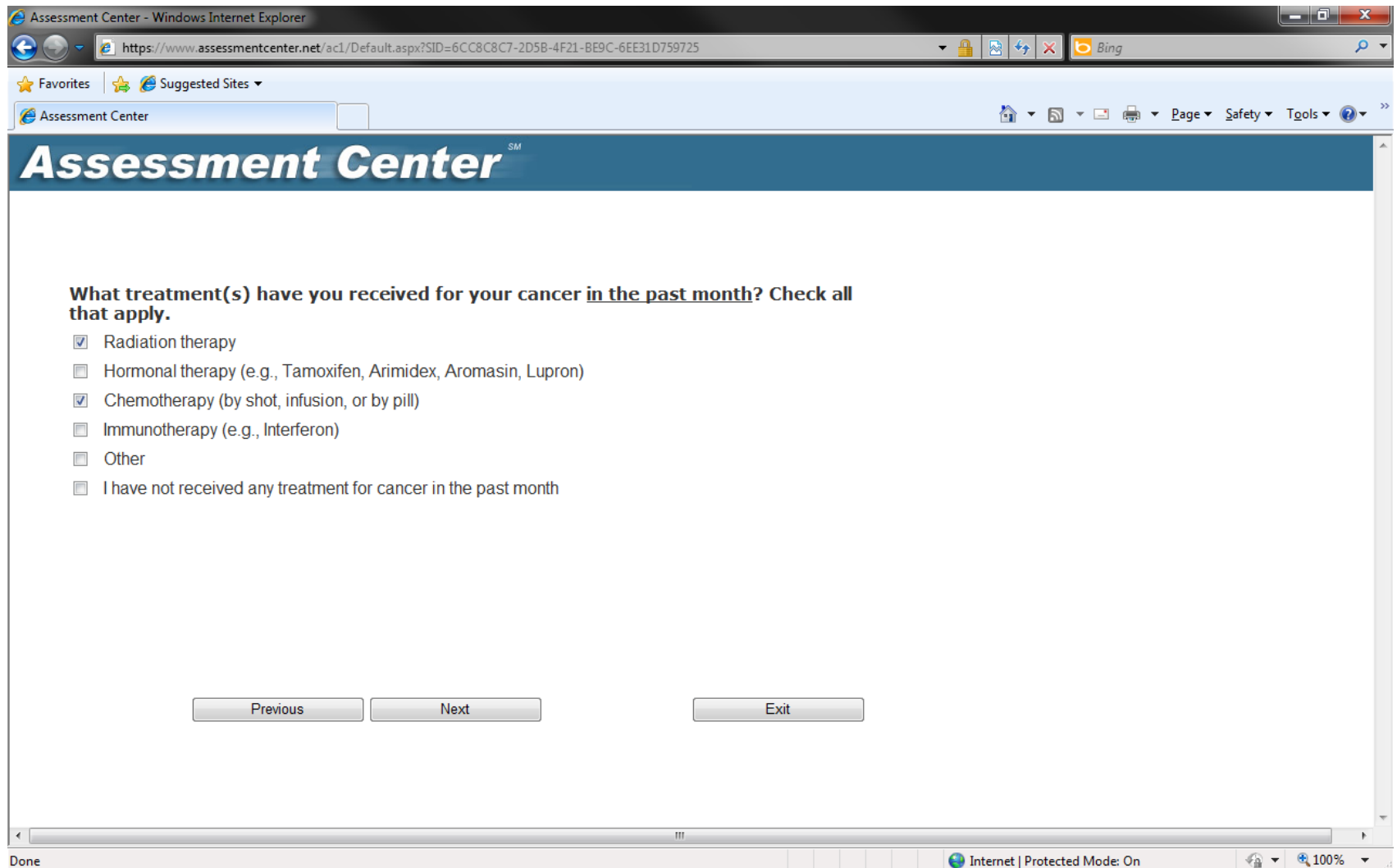
Please rate the severity of your numbness, tingling, or pain in your hands or feet.

0 1 2 3 4 5 6 7 8 9 10

No pain Worst pain imaginable

Done Internet | Protected Mode: On 100%

Checklist Item



Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

What treatment(s) have you received for your cancer in the past month? Check all that apply.

- Radiation therapy
- Hormonal therapy (e.g., Tamoxifen, Arimidex, Aromasin, Lupron)
- Chemotherapy (by shot, infusion, or by pill)
- Immunotherapy (e.g., Interferon)
- Other
- I have not received any treatment for cancer in the past month

Previous Next Exit

Done Internet | Protected Mode: On 100%

Patient Reported ECOG Performance Status

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Please indicate which statement best describes your current activity level.

- Normal activities, without symptoms
- Some symptoms, but do not require bed rest during waking day
- Require bed rest for less than 50% of waking day
- Require bed rest for more than 50% of waking day
- Unable to get out of bed

Done Internet | Protected Mode: On 100%

Informational Item

The screenshot shows a Windows Internet Explorer browser window displaying the Assessment Center website. The address bar shows the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>. The page features a blue header with the text "Assessment Center" and a main content area with the text "These next questions ask about your thinking." At the bottom of the page, there are three buttons: "Previous", "Next", and "Exit". The browser's status bar at the bottom indicates "Internet | Protected Mode: On" and a zoom level of "100%".

Assessment Center - Windows Internet Explorer

<https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725>

Assessment Center

Assessment CenterSM

These next questions ask about your thinking.

Previous Next Exit

Done Internet | Protected Mode: On 100%

PROMIS Applied Cognition General Concerns CAT – Item 1

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

I have had to work harder than usual to keep track of what I was doing

Never

Rarely (Once)

Sometimes (Two or three times)

Often (About once a day)

Very often (Several times a day)

Done Internet | Protected Mode: On 100%

Item 2

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

My thinking has been slow

Never

Rarely (Once)

Sometimes (Two or three times)

Often (About once a day)

Very often (Several times a day)

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 3

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

I have had trouble shifting back and forth between different activities that require thinking

Never

Rarely (Once)

Sometimes (Two or three times)

Often (About once a day)

Very often (Several times a day)

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 4

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

It has seemed like my brain was not working as well as usual

Never

Rarely (Once)

Sometimes (Two or three times)

Often (About once a day)

Very often (Several times a day)

Done Internet | Protected Mode: On 100%

PROMIS Applied Cognition Abilities CAT – Item 1

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

My ability to concentrate has been good

Not at all

A little bit

Somewhat

Quite a bit

Very much

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 2

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

My mind has been as sharp as usual

Not at all

A little bit

Somewhat

Quite a bit

Very much

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 3

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

I have been able to think clearly without extra effort

Not at all

A little bit

Somewhat

Quite a bit

Very much

Done Internet | Protected Mode: On 100%

Item 4

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

In the past 7 days

I have been able to mentally focus

Not at all

A little bit

Somewhat

Quite a bit

Very much

Previous Next Exit

Done Internet | Protected Mode: On 100%

Informational Item

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

The next section asks questions about how you were before your illness and now.

Previous Next Exit

Done Internet | Protected Mode: On 100%

PROMIS Psychosocial Illness Impact Negative CAT – Item 1

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I feel isolated from others

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input type="radio"/> Not at all	<input type="radio"/> Not at all
<input checked="" type="radio"/> A little bit	<input checked="" type="radio"/> A little bit
<input type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Internet | Protected Mode: On 100%

Item 2

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I feel disconnected from others

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input checked="" type="radio"/> Not at all	<input type="radio"/> Not at all
<input type="radio"/> A little bit	<input checked="" type="radio"/> A little bit
<input type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 3

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I have a negative attitude toward myself

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input checked="" type="radio"/> Not at all	<input checked="" type="radio"/> Not at all
<input type="radio"/> A little bit	<input type="radio"/> A little bit
<input type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 4

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I feel helpless

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input checked="" type="radio"/> Not at all	<input type="radio"/> Not at all
<input type="radio"/> A little bit	<input checked="" type="radio"/> A little bit
<input type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

PROMIS Psychosocial Illness Impact Positive CAT – Item 1

Assessment Center - Windows Internet Explorer
https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

My life is meaningful

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input type="radio"/> Not at all	<input type="radio"/> Not at all
<input type="radio"/> A little bit	<input type="radio"/> A little bit
<input checked="" type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input checked="" type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 2

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I can appreciate each day fully

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input type="radio"/> Not at all	<input type="radio"/> Not at all
<input type="radio"/> A little bit	<input type="radio"/> A little bit
<input checked="" type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input type="radio"/> Quite a bit
<input type="radio"/> Very much	<input checked="" type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 3

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I look at things in a positive way

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input type="radio"/> Not at all	<input type="radio"/> Not at all
<input type="radio"/> A little bit	<input type="radio"/> A little bit
<input type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input checked="" type="radio"/> Quite a bit	<input checked="" type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

Item 4

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thinking about how your illness has affected you, please rate how true this statement was of you before your illness, and again now, since your illness.

I have a sense of peace

How true was this <u>before your illness</u> ?	How true is this now, <u>since your illness</u> ?
<input type="radio"/> Not at all	<input type="radio"/> Not at all
<input type="radio"/> A little bit	<input type="radio"/> A little bit
<input checked="" type="radio"/> Somewhat	<input type="radio"/> Somewhat
<input type="radio"/> Quite a bit	<input checked="" type="radio"/> Quite a bit
<input type="radio"/> Very much	<input type="radio"/> Very much

Clear Response **Clear Response**

Previous Next Exit

Done Internet | Protected Mode: On 100%

Comments

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

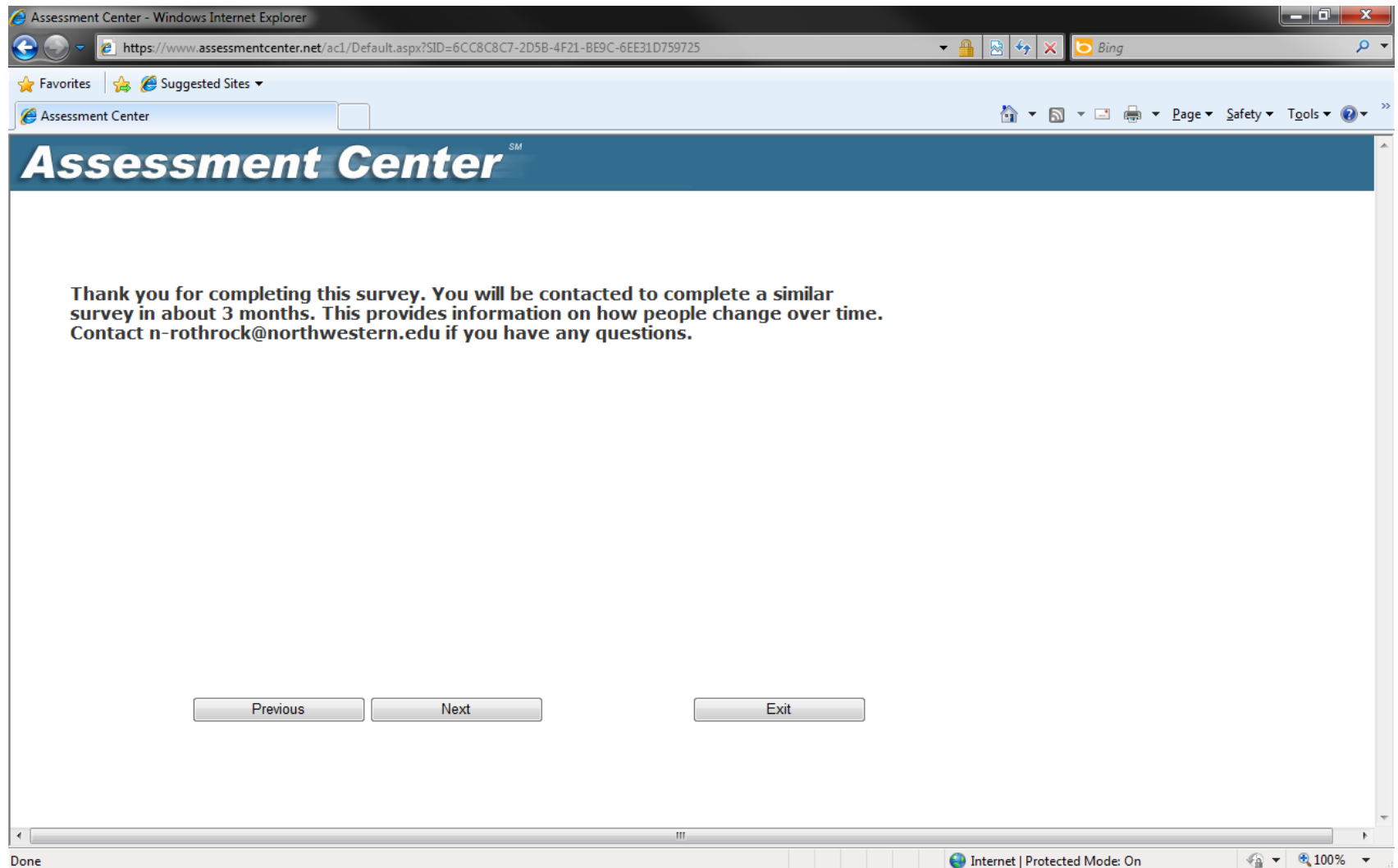
Feel free to provide any additional comments about this survey.

Thank you for the opportunity to participate in this important study about cancer patients' quality of life.

Previous Next Exit

Done Internet | Protected Mode: On 100%

Informational Item



Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=6CC8C8C7-2D5B-4F21-BE9C-6EE31D759725

Assessment Center

Assessment CenterSM

Thank you for completing this survey. You will be contacted to complete a similar survey in about 3 months. This provides information on how people change over time. Contact n-rothrock@northwestern.edu if you have any questions.

Previous Next Exit

Done Internet | Protected Mode: On 100%

Assessment Center Homepage

www.assessmentcenter.net

The screenshot shows the Assessment Center homepage in Internet Explorer. The browser address bar displays <https://www.assessmentcenter.net/Default.aspx>. The page features a blue header with the "Assessment Center" logo and a navigation menu. A login form is prominently displayed, with the username field containing "mylogin" and the password field filled with dots. The "Continue" button is visible next to the password field. The page content includes a "Resources" sidebar with links to "Instrument Library", "Scoring Manuals", "Workshops", "Publications", "Presentations", "User Manual", "Terms and Conditions", "FAQ", "Release History", "Usage Statistics", and "About Us". The main content area is titled "WHAT IS ASSESSMENT CENTER" and provides an overview of the tool. A "Demonstration CAT" section highlights the benefits of the tool, and a "Sponsors" section lists "PROMIS", "Neuro-QOL", and "NIH Toolbox". A footer section contains contact information and support hours.

Assessment Center - Windows Internet Explorer
https://www.assessmentcenter.net/Default.aspx

Assessment Center

mylogin
..... Continue

Register New User
Forgot Password

Resources

- [Instrument Library](#)
- [Scoring Manuals](#)
- [Workshops](#)
- [Publications](#)
- [Presentations](#)
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Help Line: 877-283-0596

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Researcher Interface

Assessment Center - Windows Internet Explorer

https://www.assessmentcenter.net/ac1/Default.aspx?SID=B2DCD31E-3C4C-4D67-BC09-9883F7B05701

Assessment Center

Assessment CenterSM

Studies Instruments Set-up Administration

Resources My Account Help Logout

Current Study: APOS Demonstration Study

Study List (APOS Demonstration Study)

Study List

To get started, please select an existing study or create a new one. Then continue work in the system by selecting from the tabs above.

Create New Study

To select, click on study name: Hide Archived Studies

My Studies				
Name	Created By	Copy	Properties	Team
APOS Demonstration Study	Rothrock, Nan (2/11/2011)	Copy	Properties	Team
Adherence in OH	Clark, Dave (10/4/2010)	Copy	Properties	Team
August 13 Demo Study	Health, Doctor (8/12/2010)	Copy	Properties	Team
Demo Instrument Master Study	Rothrock, Nan (8/12/2010)	Copy	Properties	Team
Oct 4 PhysicalFunction	Health, Doctor (9/23/2010)	Copy	Properties	Team

Internet | Protected Mode: On 100%

Instruments Tab

The screenshot shows a web browser window displaying the Assessment Center interface. The browser's address bar shows the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=B2DCD31E-3C4C-4D67-BC09-9883F7B05701>. The page title is "Assessment Center". The navigation menu includes "Studies", "Instruments", "Set-up", and "Administration". The current study is identified as "APOS Demonstration Study".

The main content area is titled "Study Content (APOS Demonstration Study)". It contains the following text:

Study Content

Click the Add button to add instruments to your study. Click the Create button to create custom instruments in your study.

You have selected the following instruments for this study.

Order the instruments by entering the desired position into the text box, then click Save.

To exclude an instrument from your study, click on the Include checkbox. Hide Excluded Instruments

The "Study Content" table lists the following instruments:

Order	Name	Administration Study	Include	Terms of Use
1	demo intro transition	Training Demonstration Study Customize Preview Copy Properties Statistics	<input checked="" type="checkbox"/>	Notes
2	APOS Clinical	APOS Demonstration Study Customize Preview Copy Properties Statistics	<input checked="" type="checkbox"/>	Notes
3	APOS ECOG patient	APOS Demonstration Study Customize Preview Copy Properties Statistics	<input checked="" type="checkbox"/>	Notes
4	transition to cognition	APOS Demonstration Study Customize Preview Copy Properties Statistics	<input checked="" type="checkbox"/>	Notes
5	PROMIS Bank v1.0 – Applied Cog General Concerns	PROMIS Customize Preview Copy Properties Statistics	<input checked="" type="checkbox"/>	Notes ©

Set-Up Tab

Assessment Center - Windows Internet Explorer
https://www.assessmentcenter.net/ac1/Default.aspx?SID=B2DCD31E-3C4C-4D67-BC09-9883F7B05701

Assessment Center

Assessment CenterSM

Studies Instruments **Set-up** Administration

Resources My Account Help Logout

Basic | Advanced | Consent | Registration | Launch | Current Study: APOS Demonstration Study

Basic Study Setup (APOS Demonstration Study)

Basic Study Setup

- Data collection has begun on this study and some fields cannot be changed.

You may define participant registration forms below. Save Cancel

Start Date*:

Accrual End Date*:


Close data collection when sample size equals*:

Contact information for participant questions*:

URL Extension*:

Login screen welcome message (maximum 10,000 characters)

Format: [Rich Text Editor] Font: [Rich Text Editor] Size: [Rich Text Editor]


ROBERT H. LURIE
COMPREHENSIVE CANCER CENTER
OF NORTHWESTERN UNIVERSITY

Internet | Protected Mode: On 100%

Administration Tab

The screenshot shows the Assessment Center Administration interface. The browser window title is "Assessment Center - Windows Internet Explorer" and the address bar shows the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=B2DCD31E-3C4C-4D67-BC09-9883F7B05701>. The page header includes the "Assessment Center" logo and navigation tabs for "Studies", "Instruments", "Set-up", and "Administration". The "Administration" tab is active, and the sub-menu includes "Overview", "Registration Details", "Participant Details", "Contact Information", "Custom Fields", "Reports", and "Participant Data". The current study is identified as "APOS Demonstration Study".

Study Overview

Study: APOS Demonstration Study

Goal	Participants Accessed	Study Registered	Started	Completed	Off Study	Refusal
100	1	1	1	0	0	0

To create a new participant registration record, click the Find/Create Login button.

Enter participant login then click Find/Create Login button to view an existing participant registration.

To view a list of participants in this study, click the Participant List button below.

Table above and Export buttons are updated every 20 minutes.
Last updated: 2/15/2011 3:17 PM

[NIH Inclusion Enrollment Report](#)
[Data Dictionary Report](#)
[Enrollment Report](#)

Data Extract

Internet | Protected Mode: On | 100%

NIH Accrual Report

https://www.assessmentcenter.net/ac1/ReportDisplay2.aspx?ReportID=report01&StudyOID=a154f493-65 - Windows Internet Explorer
https://www.assessmentcenter.net/ac1/ReportDisplay2.aspx?ReportID=report01&StudyOID=a154f493-65c4-47cf-b1ce-e3634d2bf34b

1 / 1 130% Find

Inclusion Enrollment Report

**PART A TOTAL ENROLLMENT REPORT: Number of Subjects Enrolled to Date (Cumulative)
by Ethnicity and Race**

Ethnic Category	Females	Males	Unknown or Not Reported	Total
Hispanic or Latino	0	0	0	0
Not Hispanic or Latino	0	1	0	1
Unknown (individuals not reporting ethnicity)	0	0	0	0
Ethnic Category: Total of All Subjects	0	1	0	1

Racial Category	Females	Males	Unknown or Not Reported	Total
American Indian/Alaska Native	0	0	0	0
Asian	0	0	0	0
Native Hawaiian or Other Pacific Islanders	0	0	0	0
Black or African American	0	0	0	0

Done Unknown Zone | Protected Mode: On

Data Dictionary

The screenshot shows a web browser window with the URL <https://www.assessmentcenter.net/ac1/ReportDisplay2.aspx?ReportID=report35&StudyOID=a154f493-65>. The browser's address bar and toolbar are visible at the top. The main content area displays a list of clinical items under the heading "APOS Clinical".

APOS Clinical

APOSClin7
When were you diagnosed with cancer?
= TEXT_DATE

APOSClin1
Are any of your current activities limited by your cancer?
0 = No
1 = Yes

APOSClin2
Please select your "primary" cancer diagnosis from the list below (usually where the cancer started).
1 = Brain
2 = Breast
3 = Colon or Rectum
4 = Gynecologic (Cervical, Ovarian, Uterine)
5 = Head/Neck
6 = Leukemia/Lymphoma
7 = Lung
8 = Pancreas
9 = Prostate
10 = Urologic (Bladder, Kidney, Testis)

APOSClin3
Have you had a recurrence of your cancer (i.e., has your cancer come back)?
0 = No
1 = Yes
2 = Not Sure

APOSClin4

The browser's status bar at the bottom indicates "Done" on the left and "Unknown Zone | Protected Mode: On" on the right.

Researcher-Completed Instrument

The screenshot shows a web browser window titled "Assessment Center - Windows Internet Explorer" with the URL <https://www.assessmentcenter.net/ac1/Default.aspx?SID=B2DCD31E-3C4C-4D67-BC09-9883F7B05701>. The page header includes the "Assessment Center" logo and navigation tabs for "Studies", "Instruments", "Set-up", and "Administration". The "Administration" tab is active, showing a sub-menu with "Overview", "Registration Details", "Participant Details", "Contact Information", "Custom Fields", "Reports", and "Participant Data". The current study is identified as "APOS Demonstration Study".

The main content area displays a "Scheduled Events" list on the left, with "Assessment (1) 1Form(s)" selected. The list includes various events such as "demo-intro transition", "APOS-Clinical", "APOS-ECOG-patient", "transition-to-cognition", "PROMIS Bank v1.0 - Applied Cog General Concerns", "PROMIS Bank v1.0 - Applied Cog Abilities", "transition-to-ii", "PROMIS Bank v1.0 - Psychosocial Illness Impact Neg", "PROMIS Bank v1.0 - Psychosocial Illness Impact Pos", "transition-to-sexual-fx", "demonstration-sexual-fx", "demo-fx", and "demo-conclusion-screen APOS ECOG clinician", which is circled in red.

The main content area also displays a "Please indicate which statement best describes this patient's current activity level." section with a "Login: 71037" indicator. The statements are:

- Fully active, able to carry on all pre-disease performance without restriction
- Restricted in physically strenuous activity but ambulatory and able to carry out work of a light or sedentary nature, e.g., light house work, office work
- Ambulatory and capable of all selfcare but unable to carry out any work activities. Up and about more than 50% of waking hours
- Capable of only limited selfcare, confined to bed or chair more than 50% of waking hours
- Completely disabled. Cannot carry on any selfcare. Totally confined to bed or chair
- Dead

At the bottom of the page, there are five buttons: "Save", "Previous Section", "Next Section", "Previous Item", and "Next Item".

Data Exports

The screenshot shows the Assessment Center web application interface. The browser window title is "Assessment Center - Windows Internet Explorer" and the address bar shows the URL: <https://www.assessmentcenter.net/ac1/Default.aspx?SID=B2DCD31E-3C4C-4D67-BC09-9883F7B05701>. The page header includes "Assessment Center" and navigation tabs for "Studies", "Instruments", "Set-up", and "Administration". The "Administration" tab is active, showing sub-tabs for "Overview", "Registration Details", "Participant Details", "Contact Information", "Custom Fields", "Reports", and "Participant Data". The "Current Study: APOS Demonstration Study" is displayed in the top right.

Study Overview

Study: APOS Demonstration Study

Goal	Participants Accessed	Study Registered	Started	Completed	Off Study	Refusal
100	1	1	1	0	0	0

To create a new participant registration record, click the Find/Create Login button.

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Table above and Exports are updated every 20 minutes.
Last updated: 2/15/2011 5:23:17 PM

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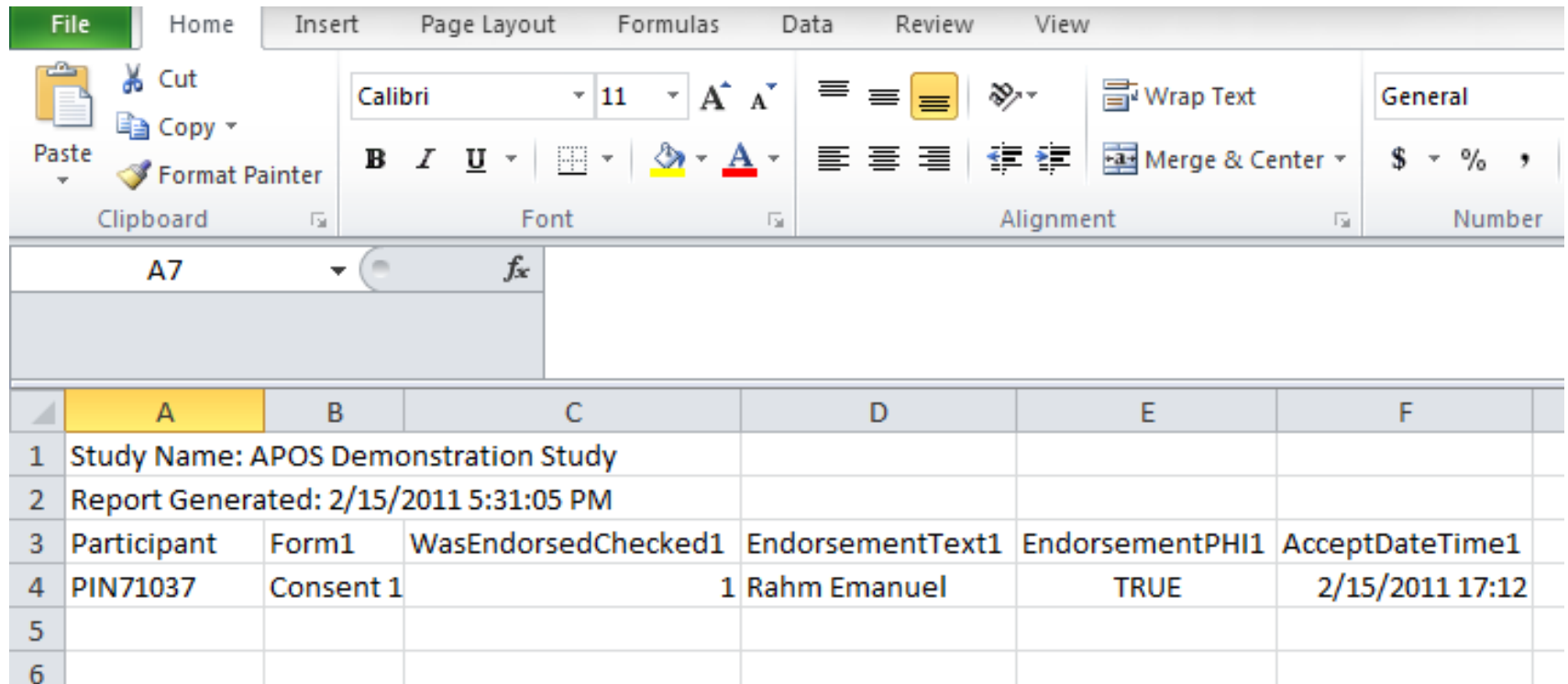
Data Extract

- Export Assessment Data
- Export Assessment Scores
- Export Registration Data
- Export Consent Data
- Export Pivoted Assessment Data

The "Data Extract" section is circled in red, highlighting the export options.

Internet | Protected Mode: On 100%

Consent Data Export



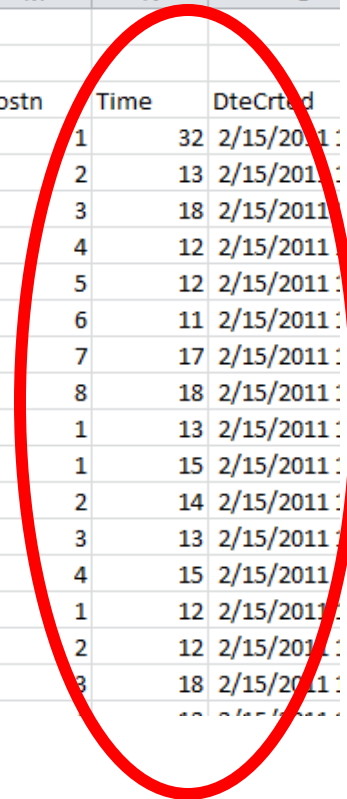
	A	B	C	D	E	F
1	Study Name: APOS Demonstration Study					
2	Report Generated: 2/15/2011 5:31:05 PM					
3	Participant	Form1	WasEndorsedChecked1	EndorsementText1	EndorsementPHI1	AcceptDateTime1
4	PIN71037	Consent 1	1	Rahm Emanuel	TRUE	2/15/2011 17:12
5						
6						

PROMIS Instrument Scores Export

	A	B	C	D	E	F	G
1	Study Name: APOS Demonstration Study						
2	Report Generated: 2/15/2011 5:33:20 PM						
3	PIN	Assmnt	Inst	RawScore	TScore	SE	ItmCnt
4	PIN71037	1	PROMIS Bank v1.0 Applied Cog General Concerns	11	39.8	2.3	4
5	PIN71037	1	PROMIS Bank v1.0 Psychosocial Illness Impact Neg	12	54.1	2.5	8
6	PIN71037	1	PROMIS Bank v1.0 Psychosocial Illness Impact Pos	30	48.2	3	8
7	PIN71037	1	PROMIS Bank v1.0 Applied Cog Abilities	17	52.2	1.9	4
8							

Full Assessment Data Export

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Study Name: APOS Demonstration Study														
2	Report Generated: 2/15/2011 5:34:05 PM														
3	Pin	Assmnt	MdlOrdr	Inst	ItemID	PHI	Response	Score	Theta	TScore	SE	DataType	Postn	Time	DteCrtd
4	PIN71037	1	1	APOS Clin	APOSclin7	FALSE	1	Jan 31 1916				date	1	32	2/15/2011
5	PIN71037	1	1	APOS Clin	APOSclin1	FALSE	1	0				integer	2	13	2/15/2011
6	PIN71037	1	1	APOS Clin	APOSclin2	FALSE	5	5				list	3	18	2/15/2011
7	PIN71037	1	1	APOS Clin	APOSclin3	FALSE	1	0				integer	4	12	2/15/2011
8	PIN71037	1	1	APOS Clin	APOSclin4	FALSE	3	2				integer	5	12	2/15/2011
9	PIN71037	1	1	APOS Clin	APOSclin5	FALSE	2	1				integer	6	11	2/15/2011
10	PIN71037	1	1	APOS Clin	APOSclin5a	FALSE	3	2				integer	7	17	2/15/2011
11	PIN71037	1	1	APOS Clin	APOSclin6	FALSE		5				bitwise	8	18	2/15/2011
12	PIN71037	1	1	APOS ECO	APOSECOGpt	FALSE	1	0				integer	1	13	2/15/2011
13	PIN71037	1	1	PROMIS B	PC36	FALSE	3	3	-0.79938	42	0.393398	integer	1	15	2/15/2011
14	PIN71037	1	1	PROMIS B	PC2	FALSE	3	3	-0.82983	41.7	0.290026	integer	2	14	2/15/2011
15	PIN71037	1	1	PROMIS B	PC42	FALSE	2	2	-1.08248	39.2	0.2566	integer	3	13	2/15/2011
16	PIN71037	1	1	PROMIS B	PC35	FALSE	3	3	-1.01727	39.8	0.226317	integer	4	15	2/15/2011
17	PIN71037	1	1	PROMIS B	PC-CaPS4	FALSE	4	4	0.057454	50.6	0.369719	integer	1	12	2/15/2011
18	PIN71037	1	1	PROMIS B	PC43_2	FALSE	4	4	0.091557	50.9	0.262935	integer	2	12	2/15/2011
19	PIN71037	1	1	PROMIS B	PC-CaPS3	FALSE	5	5	0.288049	52.9	0.225317	integer	3	18	2/15/2011



Assessment Center Homepage

Assessment Center - Windows Internet Explorer
https://www.assessmentcenter.net/Default.aspx

Assessment Center

mylogin
Continue Register New User
Forgot Password

Resources

- [Instrument Library](#)
- [Scoring Manuals](#)
- [Workshops](#)
- [Publications](#)
- [Presentations](#)
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Instrument Library

PROMIS Instruments Available for Use

February 13, 2011

PROMIS has many assessment options available to measure self-reported health for clinical research and practice. PROMIS assessment instruments are drawn primarily from calibrated item banks (sets of well-defined and validated items) measuring concepts such as pain, fatigue, physical function, depression, anxiety and social function. These calibrated item banks can be used to derive short forms (typically requiring 4-10 items per concept), or computerized adaptive testing (typically requiring 3-7 items per concept for more precise measurement). Assessments are available for children and adults. Most PROMIS instruments are available through Assessment Center (www.assessmentcenter.net). Those which are not yet available on Assessment Center can be obtained by contacting the PROMIS Statistical Center through help@assessmentcenter.net. Assessment Center can be utilized for online or offline computer-based administration or instruments can be downloaded for paper administration or entry into other data collection platforms.

Tables 1 and 2 list the calibrated item banks, short forms, and profiles (a fixed collection of short forms measuring 7 of the most important PROMIS concepts). Table 3 highlights instruments soon to be available in Assessment Center.

Table 1: PROMIS Item Banks and Short Forms Available on Assessment Center (www.assessmentcenter.net)

Domain	Adult - # items		Pediatric - # items	
	Bank	Short Forms	Bank	Short Form
Emotional Distress – Anger	29	8		6
Emotional Distress – Anxiety	29	4, 6, 7, 8	15	8
Emotional Distress – Depression	28	4, 6, 8a, 8b	14	8
Applied Cognition – Abilities	33	4, 6, 8		
Applied Cognition – General Concerns	34	4, 6, 8		
Psychosocial Illness Impact – Positive	39	4, 8		
Psychosocial Illness Impact – Negative	33	4, 6, 8		

Assessment Center Homepage

Assessment Center - Windows Internet Explorer
https://www.assessmentcenter.net/Default.aspx

Assessment Center

mylogin
.....
Continue

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Forgot Password

Resources

- Test...
- Scoring Manuals**
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- Neuro-QOL
- NIH Toolbox

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Scoring Manuals

PROMIS Scoring Manuals

PROMIS Scoring Manuals describe how individual PROMIS instruments or measures are scored. Additional information about how they are scored is available for the measures listed below. Note that the instruments themselves can be accessed within Assessment Center's "Resources" hyperlink.

[Overview](#)

[PROMIS Global Health short form](#)

[PROMIS Pediatric short forms](#)

Adult v1.0 Short Forms

[Introduction](#)

[Anger](#)

[Anxiety](#)

[Depression](#)

[Fatigue](#)

[Pain Behavior](#)

[Pain Interference](#)

[Physical Function](#)

[Satisfaction with Participation in Discretionary Social Activities](#)

[Sleep Disturbance](#)

[Sleep-Related Impairment](#)

Adult v1.0 Profile short Forms

[Introduction](#)

[Anxiety](#)

[Depression](#)

Sample Scoring Manual



SCORING THE INSTRUMENT

Raw Score	T-score	SE*
8	37.1	5.5
9	43.3	3.4
10	46.2	2.8
11	49.2	2.4
12	49.8	2.2
13	51.2	2.0
14	52.3	1.9
15	53.4	1.8
16	54.3	1.8
17	55.3	1.7
18	56.2	1.7
19	57.1	1.7
20	57.9	1.7
21	58.8	1.7
22	59.7	1.8
23	60.7	1.8
24	61.6	1.8
25	62.5	1.8
26	63.5	1.8
27	64.4	1.8
28	65.4	1.8
29	65.4	1.8
30	67.4	1.8
31	68.3	1.8
32	69.3	1.8
33	70.4	1.8
34	71.4	1.8
35	72.5	1.8
36	73.6	1.8
37	74.8	1.9
38	76.2	2.0
39	77.9	2.4
40	81.1	3.4

*SE = Standard Error on T-score metric
12/01/11

Each question has five response options ranging in value from one to five. To find the total raw score, sum the values of the response to each question. For example, for the eight-item form, the lowest possible raw score is 8; the highest possible raw score is 40 (Table 1).

You can use Table 1 to translate the total raw score into a T-score for each participant. The T-score rescales the raw score into a standardized score with a mean of 50 and a standard deviation (SD) of 10. Therefore, a person who has a T-score of 40 is one SD below the U.S. general population mean. These conversions are accurate **ONLY** when all questions on the short form have been answered. For the 8-item form, a raw score of 24 converts to a T-score of 61.6 with a standard error (SE) of 1.8. Thus, the 95% confidence interval around the actual observed score ranges from 58.1 to 65.1 (T-score \pm (1.96*SE) = 61.6 \pm 3.5 = 58.1 to 65.1).

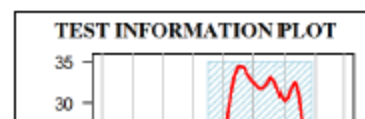
Important: A higher PROMIS T-score represents more of the concept being measured. For negatively-worded concepts like depression, a T-score of 60 is one SD worse than average. By comparison, a depression T-score of 40 is one SD better than average.

You can upload data to a free computer program called PROMIScore, which will score your data one person at a time or as a group. PROMIScore is particularly useful because it can calculate T-scores even when there are missing responses. The PROMIScore software and user manual are available for download at nihpromis.org.

STATISTICAL CHARACTERISTICS

There are three key features of the score for depression:

- **Reliability:** The degree to which a measure is free of error. It can be estimated by the internal consistency of the responses to the



PROMIS Homepage: nihpromis.org



Patient-Reported Outcomes Measurement Information System
Dynamic Tools to Measure Health Outcomes From the Patient Perspective



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Welcome to PROMIS

PROMIS[®]

Patient-Reported Outcomes Measurement System[®]
Health Outcome Measures from the Patient Perspective.

The Patient-Reported Outcomes Measurement Information System (PROMIS) is a network of NIH-funded primary research sites and coordinating centers working collaboratively to develop a series of dynamic tools to reliably and validly measure patient-reported outcomes (PROs). PROMIS provides an opportunity to improve healthcare outcomes by giving decision makers hard data on how healthcare affects what patients are able to do and how they feel. The information is derived from patient responses to a set of rigorously designed questions about different aspects of health-related quality of life (pain, fatigue, anxiety, depression, social functioning, physical functioning, quality of sleep, etc.). Each measure is subjected to a multi-stage development and testing program to ensure that the information meets scientific standards of reliability with the goal to enable clinicians and researchers to have access to efficient, precise, valid, and responsive indicators of a person's health status. These measures are available for use across a wide variety of chronic diseases and conditions and in the general population. PROMIS efforts are supported through three main centers that include the PROMIS Statistical Center (PSC), PROMIS Network Center (PNC) and the PROMIS Technical Center (PTC).

PROMIS[®] Statistical Center

The PROMIS Statistical CenterSM (PSC) advises and educates members of the network on a range of qualitative and quantitative research methods, develops and implements processes to ensure data quality; provides leadership in the development of PROMIS approved translations of new and extant domains; assists in the development and implementation of protocols; provides consultation on research design, sample size, sampling plans and power estimates for item bank testing; provides psychometric and statistical support for the network; and works collaboratively with the PROMIS Network to create sustainability.

Contact Us

Please [contact us](#) to join the PROMIS Network, learn more about PROMIS and ask questions about how to measure health outcomes.



Important News

URL

NIH PROMIS: Advancing Patient Care: January 2011

METRIC Cyber Seminar

FIRESTAR

PROMIScore

More Information

PROMIS: www.nihPROMIS.org

- Live CAT demonstration with score report
- Item development histories, protocols

Assessment Center: www.assessmentcenter.net

- Assessment Center User Manual
- Assessment Center Online Help

Training Workshops

- www.assessmentcenter.net

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